FIG. 1

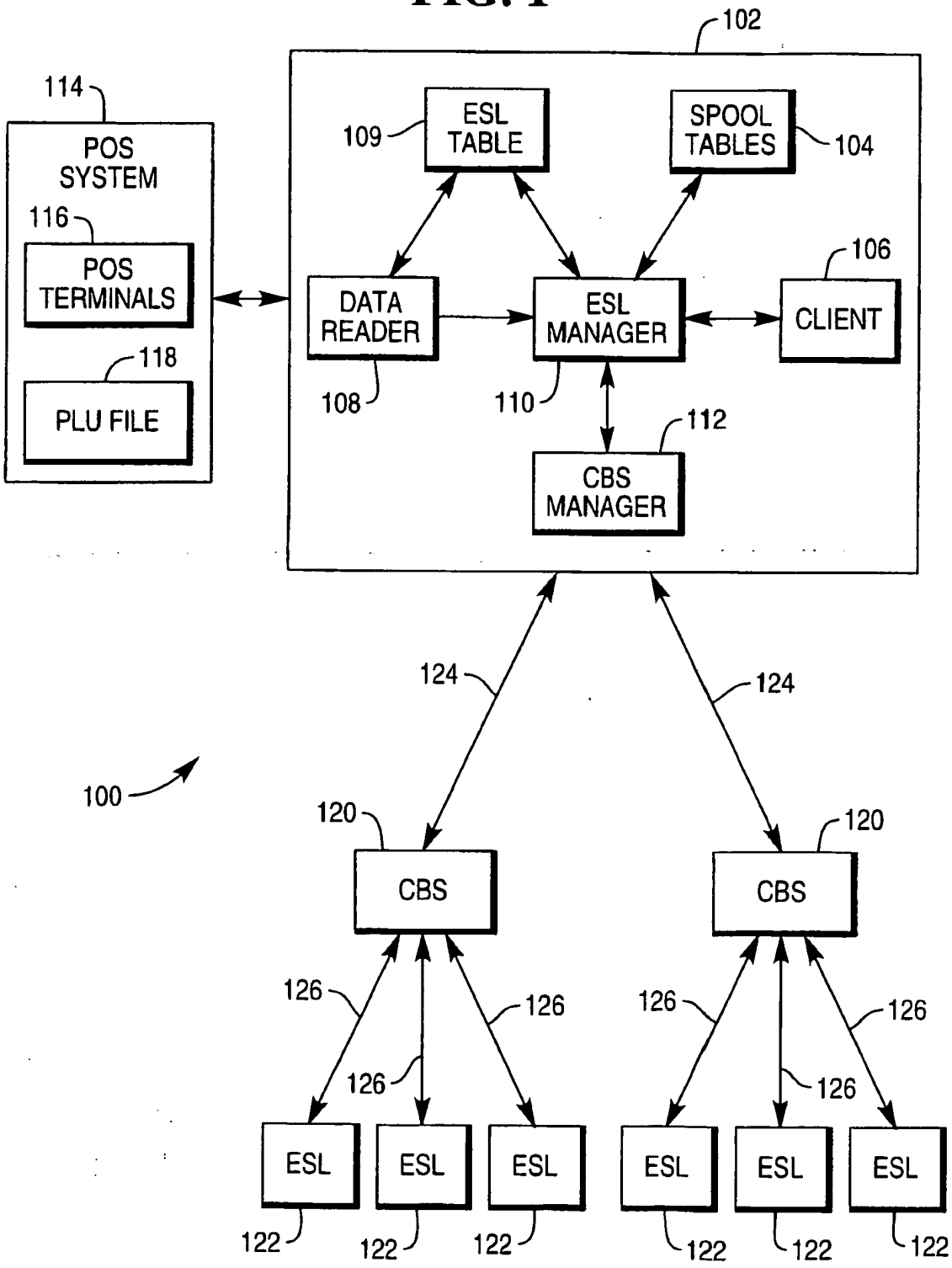
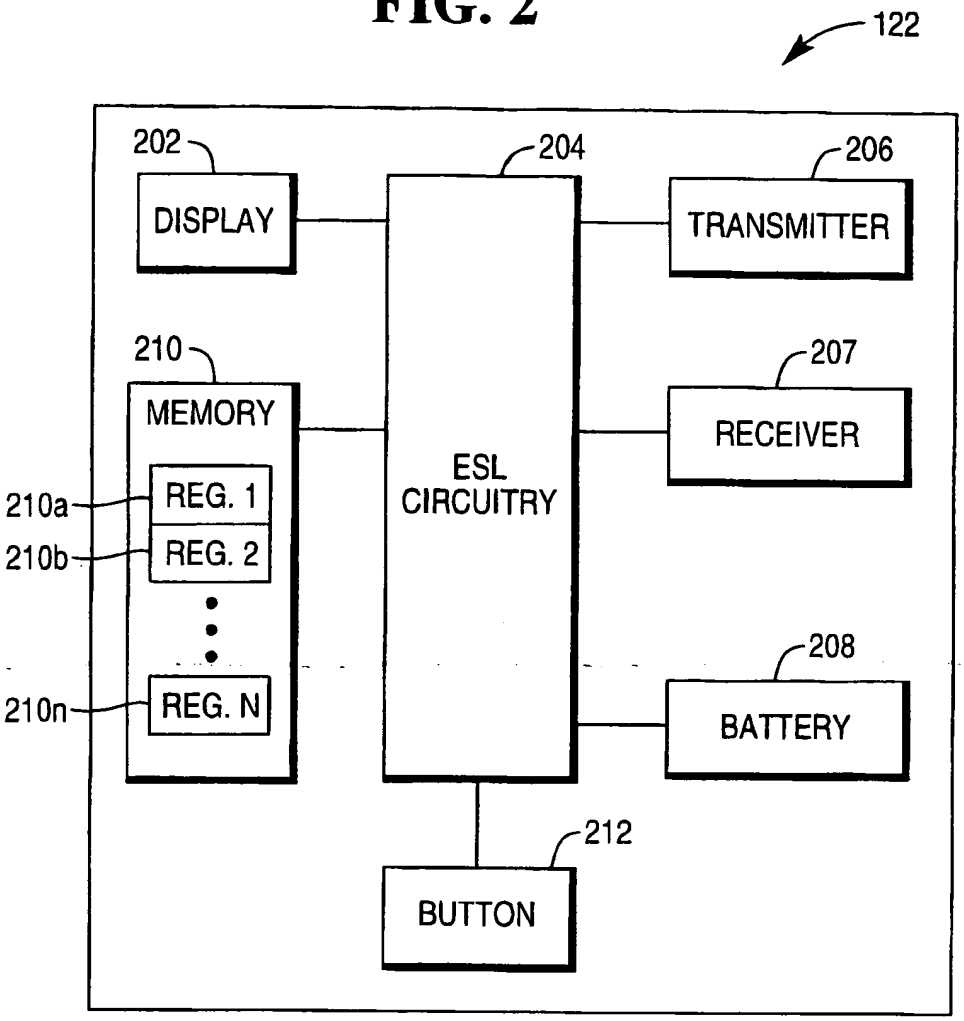

102
114
POS SYSTEM
116
POS TERMINALS
118
PLU FILE
109
ESL TABLE
SPOOL TABLES
104
106
DATA READER
ESL MANAGER
CLIENT
108
110
112
CBS MANAGER
124
124
100
120
120
CBS
CBS
126
126
126
126
126
126
ESL
ESL
ESL
ESL
ESL
ESL
122
122
122
122
122
122

FIG. 2


122
202
DISPLAY
204
206
TRANSMITTER
210
MEMORY
207
RECEIVER
210a
REG. 1
210b
REG. 2
ESL
CIRCUITRY
210n
REG. N
208
BATTERY
212
BUTTON

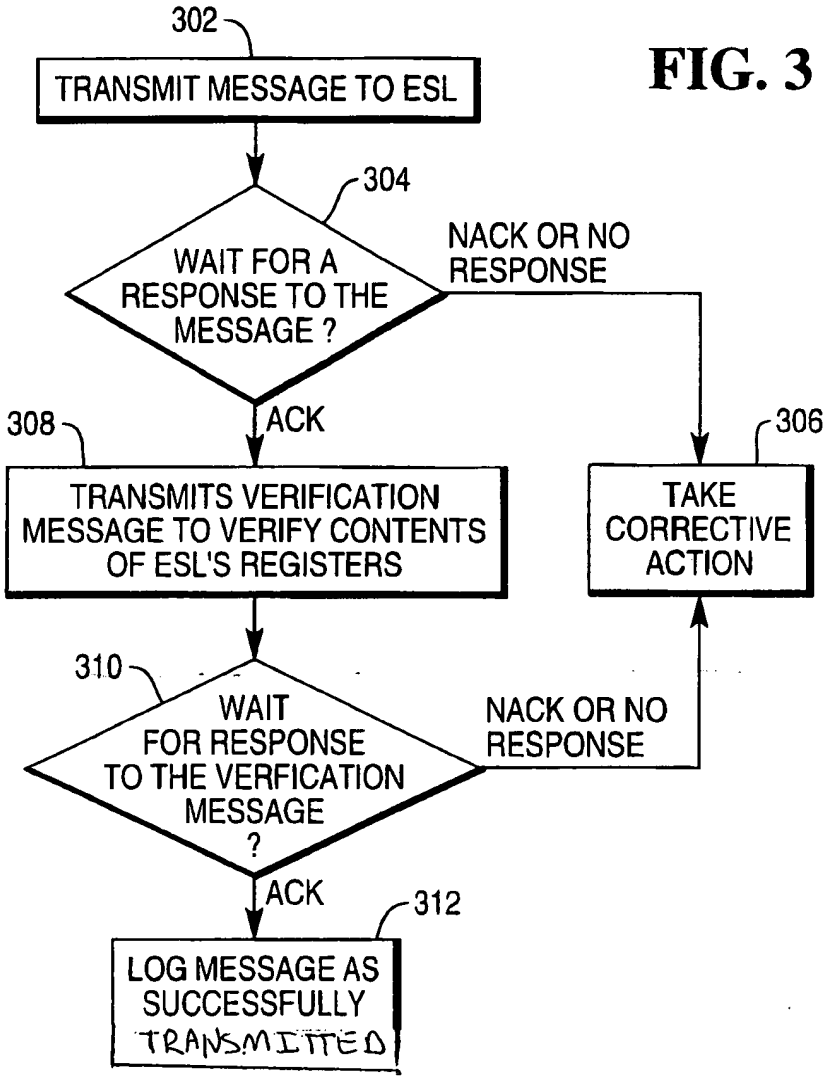

302
TRANSMIT MESSAGE TO ESL
304
WAIT FOR A RESPONSE TO THE MESSAGE ?
NACK OR NO RESPONSE
ACK
308
TRANSMITS VERIFICATION MESSAGE TO VERIFY CONTENTS OF ESL'S REGISTERS
306
TAKE CORRECTIVE ACTION
310
WAIT FOR RESPONSE TO THE VERFICATION MESSAGE ?
NACK OR NO RESPONSE
ACK
312
LOG MESSAGE AS SUCCESSFULLY TRANSMITTED

FIG. 3